

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016707.D
 Acq On : 30 Sep 2020 12:15
 Operator : SY/VA
 Sample : L4184-18
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AS2

Quant Time: Oct 01 05:06:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	645727	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	561000	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	248952	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	121427	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.72%
7) Chloroethane-d5	2.91	69	114636	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
10) 1,1-Dichloroethene-d2	4.03	63	203092	14.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.12%
20) 2-Butanone-d5	7.09	46	65537	38.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.92%
24) Chloroform-d	7.66	84	323116	23.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	8.31	65	166198	23.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.88%
29) Benzene-d6	8.28	84	626545	24.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.60%
33) 1,2-Dichloropropane-d6	9.28	67	179947	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.56%
37) Toluene-d8	10.33	98	581666	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.00%
38) trans-1,3-Dichloropropene-	10.59	79	70291	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.80%
39) 2-Hexanone-d5	10.93	63	55608	44.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137772	23.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	204584	25.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.88%

Target Compounds

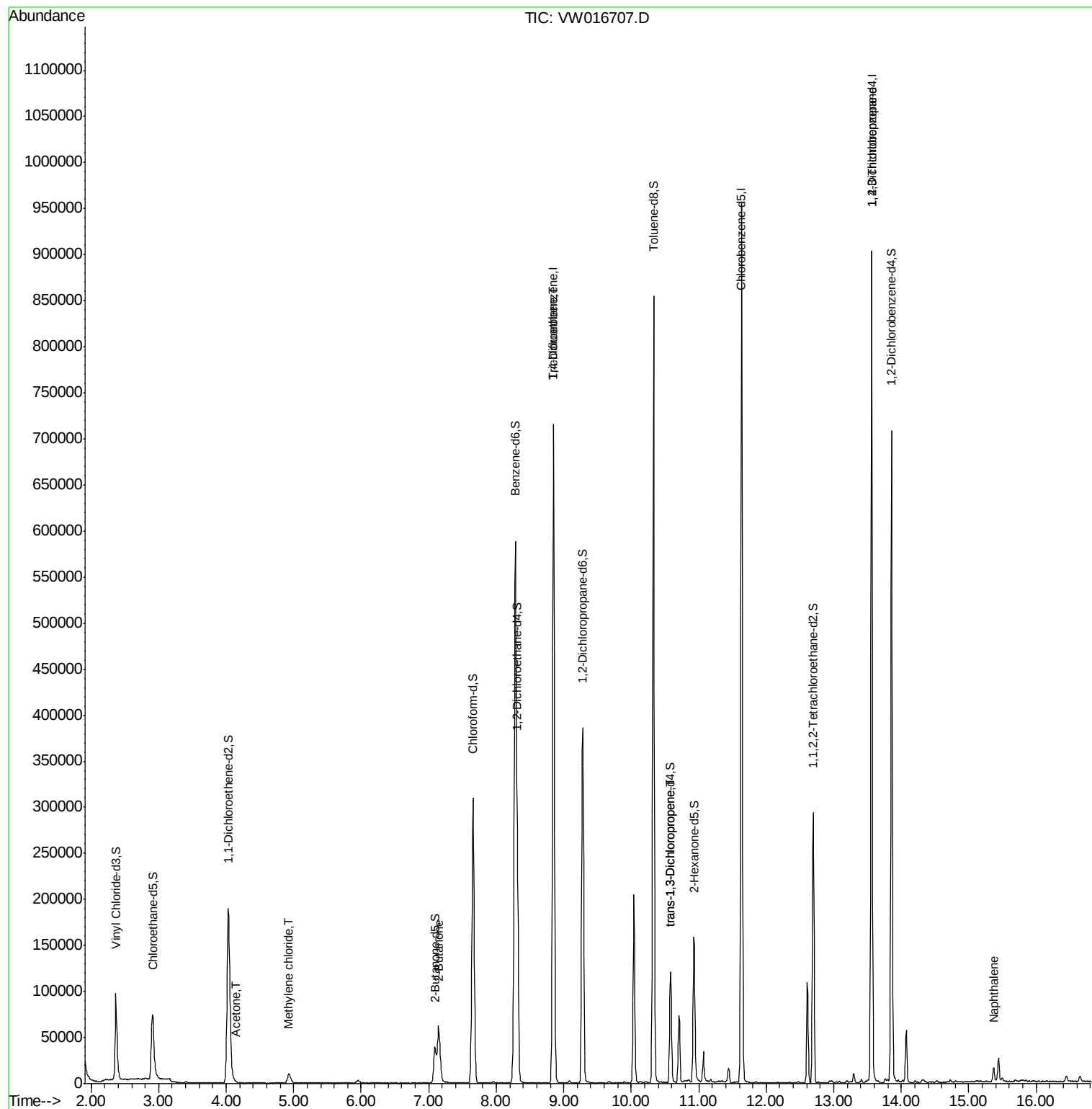
					Ovalue
13) Acetone	4.15	43	961	0.720 ug/L	96
16) Methylene chloride	4.93	84	9028	0.906 ug/L	99
21) 2-Butanone	7.15	43	4101	1.806 ug/L #	60
35) Trichloroethene	8.85	95	18912	2.174 ug/L #	2
45) trans-1,3-Dichloropropene	10.59	75	3086	0.297 ug/L	83
59) 1,2,3-Trichloropropane	13.56	75	25300	5.156 ug/L	89
69) Naphthalene	15.37	128	13503	0.795 ug/L	97

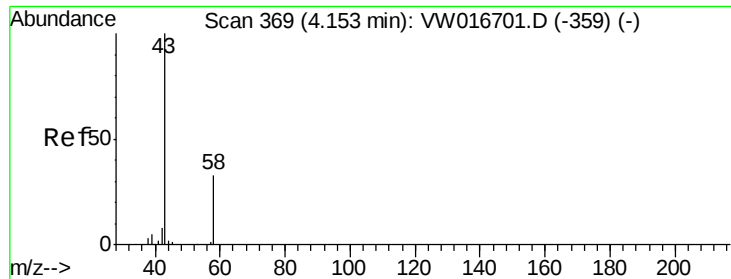
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 05:05:13 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.720 ug/L

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW016707.D

Acq: 30 Sep 2020 12:15

Instrument :

MSVOA_W

ClientSampled :

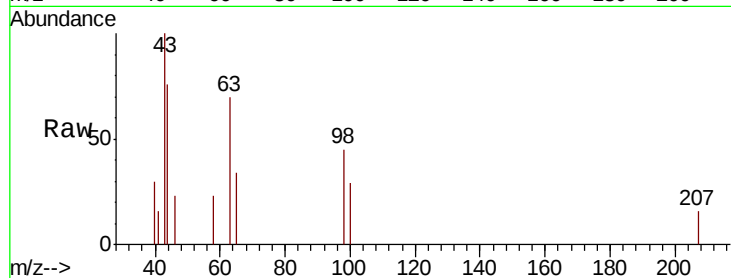
C0AS2

Tot Ion: 43 Resp: 961

Ion Ratio Lower Upper

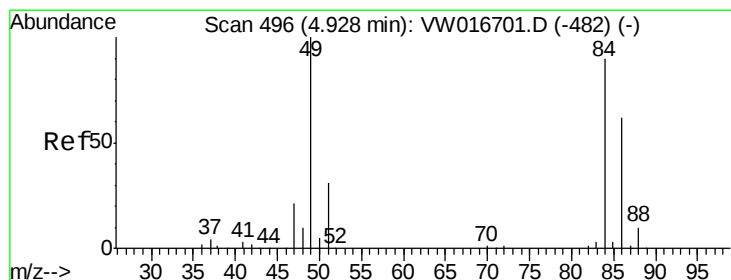
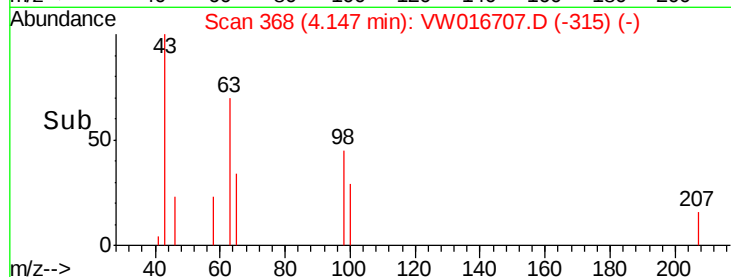
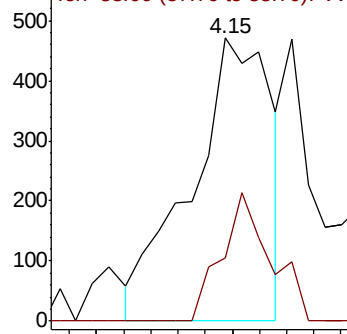
43 100

58 27.7 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 0.906 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW016707.D

Acq: 30 Sep 2020 12:15

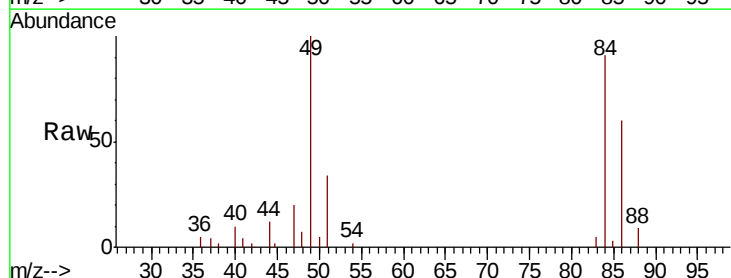
Tgt Ion: 84 Resp: 9028

Ion Ratio Lower Upper

84 100

49 110.1 76.0 141.2

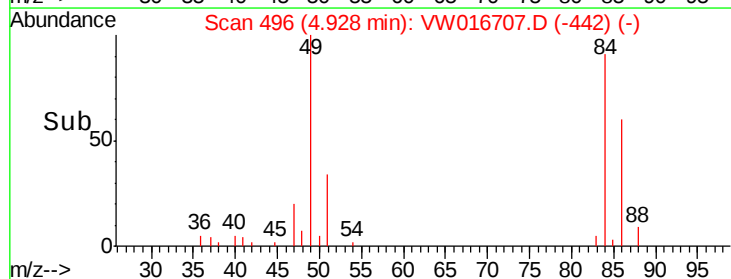
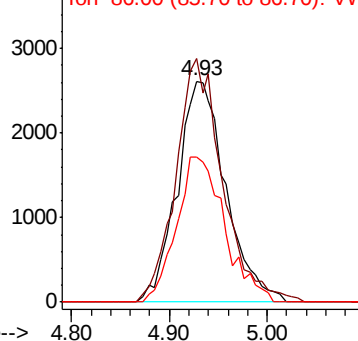
86 65.8 45.6 84.6

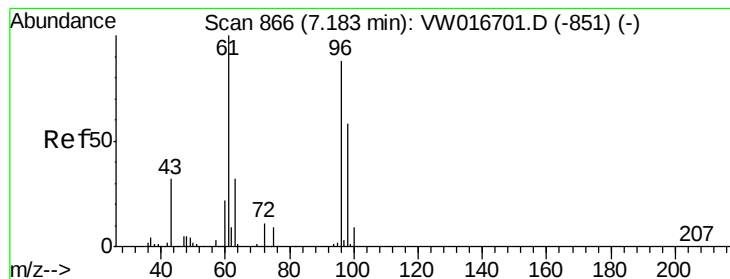


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 1.806 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW016707.D

Acq: 30 Sep 2020 12:15

Instrument :

MSVOA_W

ClientSampleId :

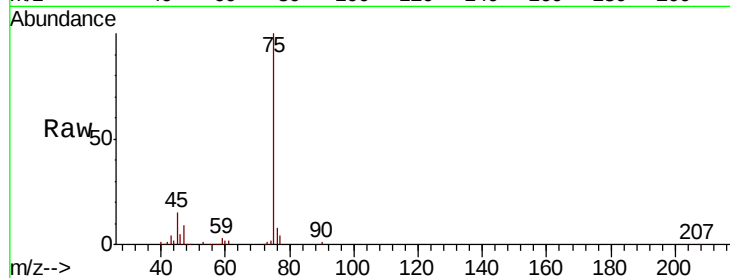
C0AS2

Tot Ion: 43 Resp: 4101

Ion Ratio Lower Upper

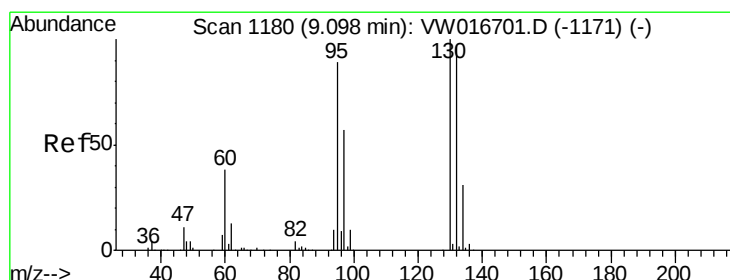
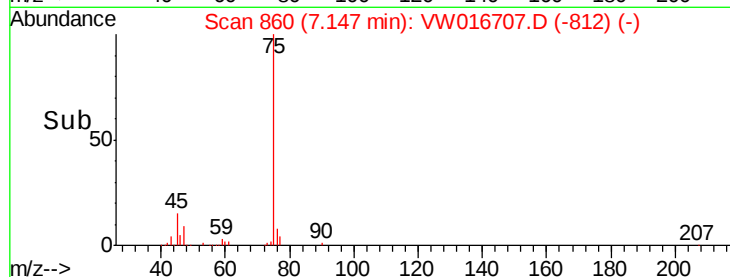
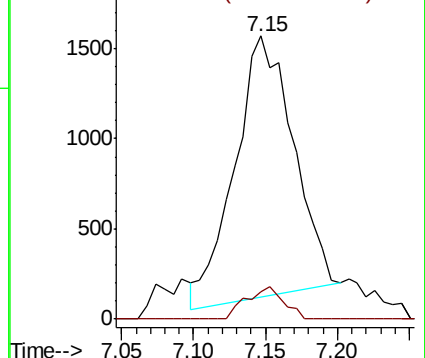
43 100

72 7.9 14.6 43.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.174 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016707.D

Acq: 30 Sep 2020 12:15

Tgt Ion: 95 Resp: 18912

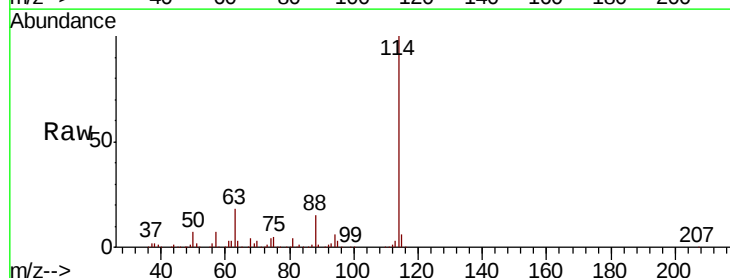
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 73.3 136.1#

130 0.0 77.5 143.9#

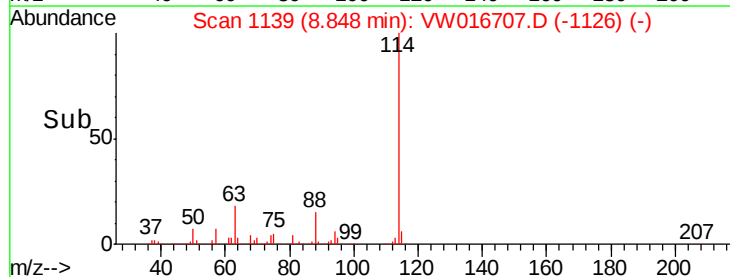
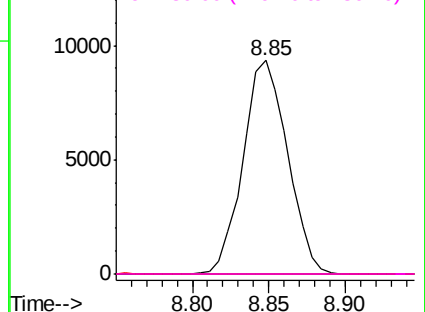


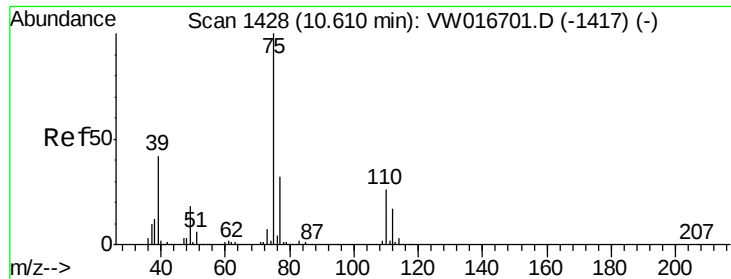
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#45

trans-1,3-Dichloropropene

Concen: 0.297 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016707.D

Acq: 30 Sep 2020 12:15

Instrument :

MSVOA_W

ClientSampleId :

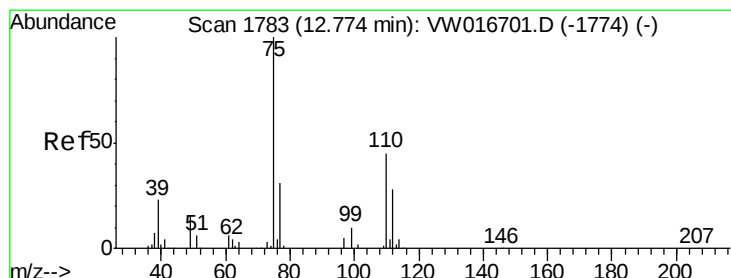
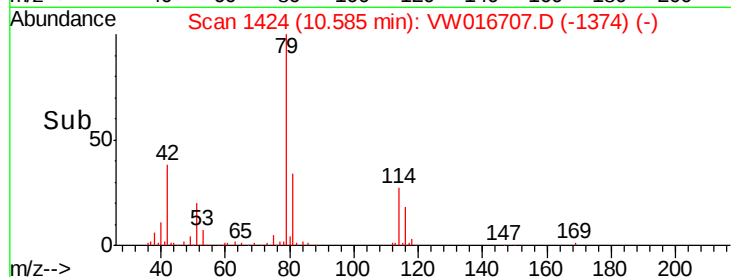
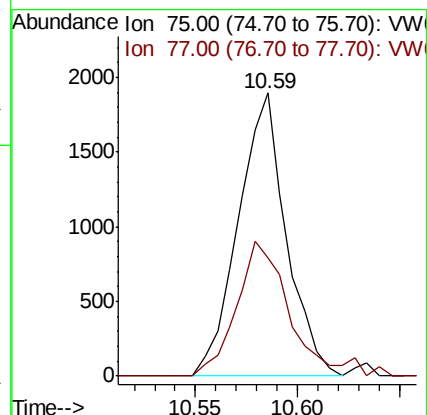
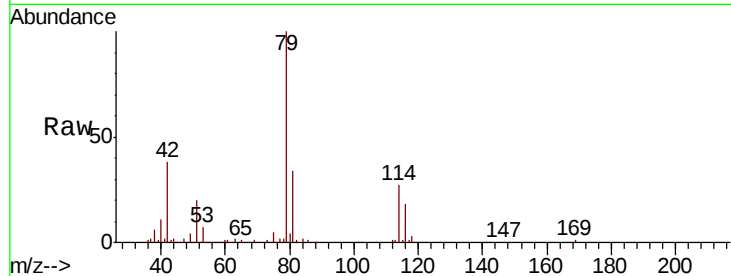
C0AS2

Tot Ion: 75 Resp: 3086

Ion Ratio Lower Upper

75 100

77 41.7 22.5 41.9



#59

1,2,3-Trichloropropane

Concen: 5.156 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016707.D

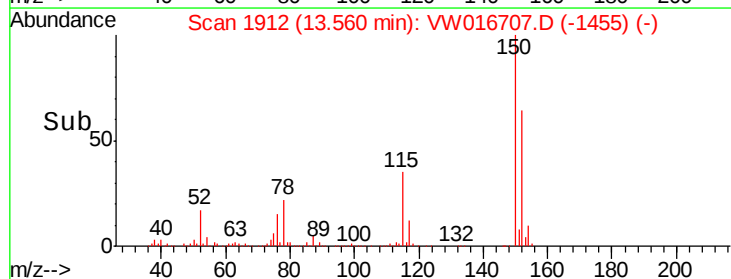
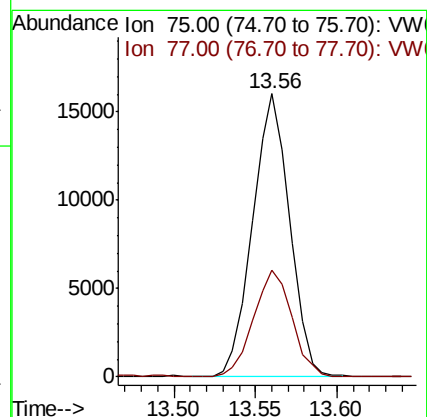
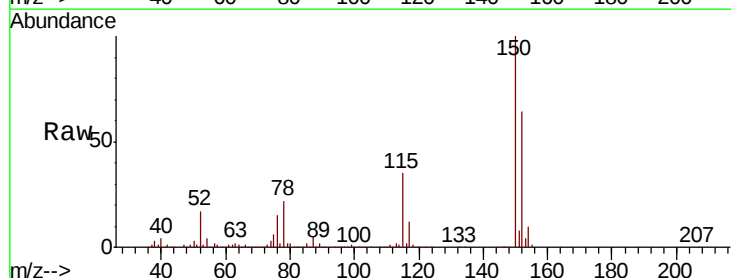
Acq: 30 Sep 2020 12:15

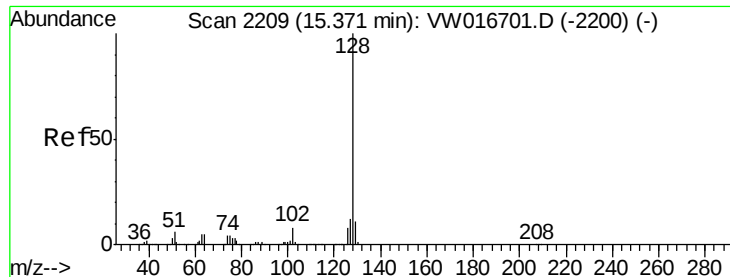
Tgt Ion: 75 Resp: 25300

Ion Ratio Lower Upper

75 100

77 38.8 26.2 39.4





#69

Naphthalene

Concen: 0.795 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW016707.D

Acq: 30 Sep 2020 12:15

Instrument :

MSVOA_W

ClientSampleId :

C0AS2

Tot Ion:128 Resp: 13503

Ion Ratio Lower Upper

128 100

129 12.4 8.9 13.3

127 14.5 10.8 16.2

